

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1256203

Luminaire Tested: P3AS02R309040DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256203
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309040DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

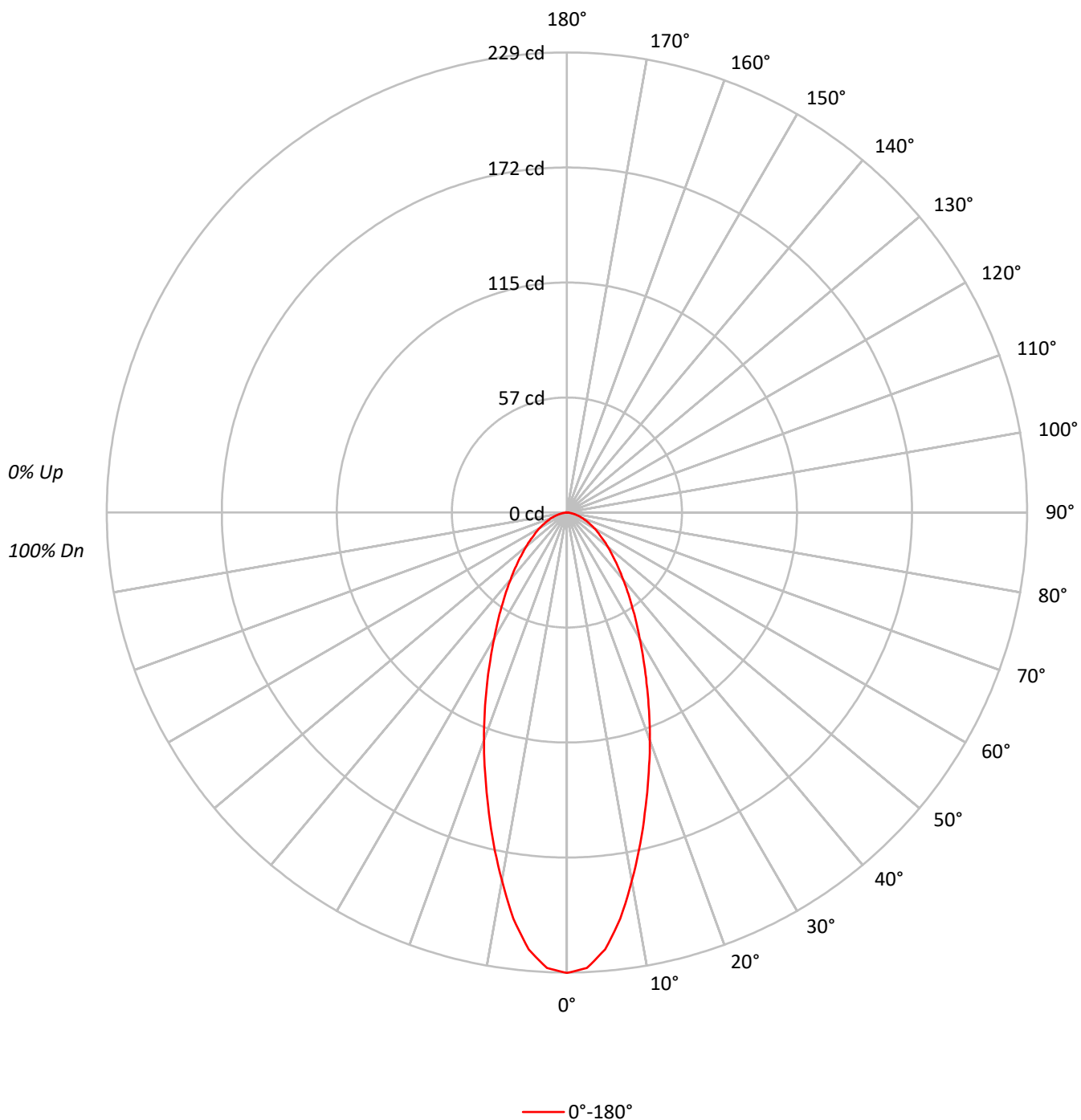
Lumens per Lamp: N/A
Luminaire Lumens: 204.0 lumens
Efficiency: N/A
Efficacy: 56.7 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	100	102	99	97		98	96	94		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	50259
5°	48052
10°	41438
15°	34348
20°	28166
25°	22695
30°	18307
35°	14991
40°	12452
45°	10544
50°	9040
55°	7799
60°	6973
65°	6071
70°	5321
75°	4490
80°	3283
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 10544 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.8	9.7
10°-20°	42.2	20.7
20°-30°	43.3	21.2
30°-40°	35.4	17.3
40°-50°	26.4	13.0
50°-60°	18.6	9.1
60°-70°	11.7	5.7
70°-80°	5.6	2.8
80°-90°	1.1	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	105.2	51.6
0°-40°	140.6	68.9
0°-60°	185.6	91.0
0°-90°	204.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	204.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	229	
5°	218	20
15°	151	42
25°	94	43
35°	56	35
45°	34	26
55°	20	19
65°	12	12
75°	5	6
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	229.2
2.5°	227.0
5°	218.3
7.5°	203.9
10°	186.1
12.5°	168.7
15°	151.3
17.5°	135.4
20°	120.7
22.5°	106.7
25°	93.8
27.5°	82.5
30°	72.3
32.5°	63.9
35°	56.0
37.5°	49.6
40°	43.5
42.5°	38.6
45°	34.0
47.5°	29.9
50°	26.5
52.5°	23.5
55°	20.4
57.5°	18.2
60°	15.9
62.5°	13.6
65°	11.7
67.5°	9.8
70°	8.3
72.5°	6.8
75°	5.3
77.5°	3.8
80°	2.6
82.5°	1.5
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)